

Gasket material

BISCO® RS-770 closed-cell silicone

Description: Bisco® RS-750 is a closed-cell gasket material made of silicone foam.

Application: Bisco® RS-750 is used as gasket in areas with high demands of silicone material.

Delivery forms: Bisco® RS-750 can be delivered as customized cut or die-cut part. Dimensions and other delivery forms upon customer request.

Colour: grey

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properties	Test method	unit	Value
Density	ASTM D 3574	Kg/m ³	465
Thickness		Mm	2,4-12,7
Compression force deflection	ASTM D 1056	kPa	82-138
Compression set, 50% 100°C, 22 h, 24 h recovery	ASTM D 1056	%	<15
Tensile strength	ASTM D 412	MPa	0,76
Elongation to failure	ASTM D 412	%	130
Water absorption	ASTM D 1056	%	<3
Water sealing properties, 10,3 kPa, compression 30%, gasket width 6,34 mm, thickness 3,175 mm			No leakage
Standard colour			Charcoal grey
Recommended constant use temperature		°C	205
Recommended intermittent use temp.		°C	260
Low temperature brittleness	ASTM D 746	°C	-55
Thermal conductivity	ASTM C 518	w/mK	0,08
Flame resistance pass	FMVSS 302	mm	2,4
UL certification	JMLU2		UL50, UL50E, UL508, UL157
Tolerance 2,4-6,35		mm	± 0,51
Tolerance 9,53		mm	± 1,14
Tolerance 12,70		mm	± 1,49

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

Dr. Dietrich Müller GmbH